

Title (en)

Busbar board with conductor rails attached by springs

Title (de)

Busbarplatte mit federnd angebundenen Stromschienen

Title (fr)

Plaque de barre à bus dotée de rails conducteurs reliés par un ressort

Publication

**EP 2365561 A3 20111116 (DE)**

Application

**EP 10015478 A 20101209**

Priority

DE 102010010815 A 20100309

Abstract (en)

[origin: EP2365561A2] The board (1) has a base plate (2) i.e. plastic plate, and conductor lines (3) for contacting pole ends of cells, and conducting paths (4) passing on the base plate and electrically connected with the conductor lines over contact elements (5). The contact elements are movably connected to the conductor lines relative to the base plate. The conductor lines are elastically connected to the base plate through spring elements (6) i.e. elastomer. The conductor lines are cased in frames, and a layer i.e. flexible printed circuit, is formed as a flexible flat conductor with the conducting paths.

IPC 8 full level

**H01M 2/20** (2006.01); **H01M 50/503** (2021.01); **H01M 50/507** (2021.01); **H01M 50/528** (2021.01); **H01R 11/28** (2006.01)

CPC (source: EP US)

**H01M 50/503** (2021.01 - EP US); **H01M 50/507** (2021.01 - EP US); **H05K 1/0263** (2013.01 - EP); **H05K 1/118** (2013.01 - EP); **H05K 2201/0311** (2013.01 - EP); **H05K 2201/09118** (2013.01 - EP); **H05K 2201/10272** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

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- [XI] DE 10134143 A1 20030130 - DAIMLER CHRYSLER AG [DE]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 10015478 A 20101209**; DE 102010010815 A 20100309